

# Firestop Systems

Superior Firestop Solutions





# A/D FIREBARRIER Firestop Systems

**The A/D FIREBARRIER line of products offer innovative firestop solutions to meet life safety requirements for your building.**

All are rigorously tested and independently certified to assure rated fire protection at penetrations and openings in fire rated floors and walls. A/D FIREBARRIER products are listed by Underwriters Laboratories (ULC, cUL & UL), Intertek Testing Services (Warnock Hersey) and Factory Mutual and are certified under factory inspection programs.

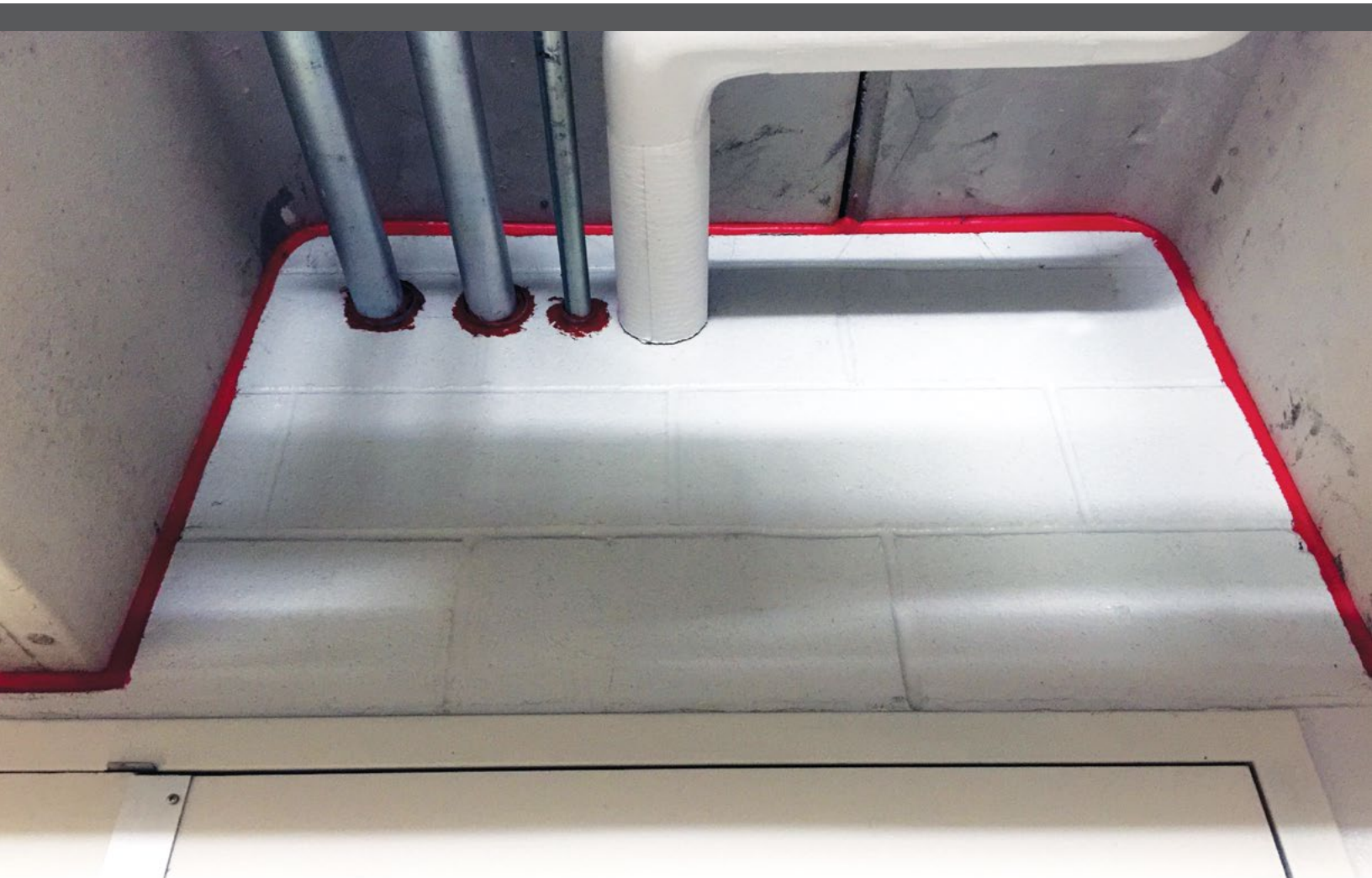
A/D FIREBARRIER products are designed to contain and compartmentalize a fire in a building or industrial complex which allows occupants the time needed to safely exit the building.

Buildings are constructed with fire rated walls, floors and ceiling assemblies which create compartmentalization within the structure in the event of a fire. However, these fire rated assemblies alone do not provide the total protection required. A/D FIREBARRIER systems provide measures to limit flame and smoke from spreading through penetration openings and joints in these assemblies, helping to

prevent fire from advancing into adjacent compartments of the building.

A/D FIREBARRIER firestop systems include: sealants, intumescent, spray, mineral wool, collars, wrap strips, mortar, pillows, putty pads and inserts that are used to seal joints and penetrations to maintain the fire separation rating of the rated assemblies.

Regardless of what type of commercial structure that is being protected – high rise, hospital, infrastructure or industrial complex, the A/D FIREBARRIER line of products can offer solutions for your building.



# A/D FIREBARRIER Sealants & SprayAcrylic

These firestop solutions are for penetrations in walls, floors and ceilings, curtain wall joints, and linear joints between walls and/or floors.



	INTUMESCENT SEALANT II	ACRYLIC SEALANT	SILICONE & SILICONE SL	SPRAYACRYLIC
FEATURES	<ul style="list-style-type: none"> <li>» Water based, intumescent</li> <li>» Economical</li> <li>» Forms a durable, water-tight bond</li> <li>» Physical properties remain stable over time</li> <li>» Expands during a fire to fill opening where combustible piping was located</li> <li>» Tools easily</li> <li>» Low odor</li> <li>» Ideal for “caulk and walk” systems</li> <li>» Color: Dark Red</li> </ul>	<ul style="list-style-type: none"> <li>» Water based</li> <li>» Economical</li> <li>» Forms a durable, flexible water-tight bond</li> <li>» Applied by caulking or trowel</li> <li>» Physical properties remain stable over time</li> <li>» Color: White (Reddish-Brown upon special request)</li> </ul>	<ul style="list-style-type: none"> <li>» Forms a durable, flexible, water-tight bond</li> <li>» May be applied over a wide temperature range, -18°C to 50°C (0°F to 120°F)</li> <li>» Physical properties will remain stable over time</li> <li>» Will not crack or crumble</li> <li>» Tools easily</li> <li>» Silicone SL self-levels - no tooling required</li> <li>» Neutral cure - low odor underside of floor applications tested</li> <li>» Colors Silicone: Red Silicone SL: Red</li> </ul>	<ul style="list-style-type: none"> <li>» Water based elastomeric</li> <li>» Economical</li> <li>» Forms a durable, water tight bond</li> <li>» Physical properties will remain stable over time</li> <li>» May be sprayed or trowelled</li> <li>» Curtain wall / floor joints tested</li> <li>» Color: White (Reddish-Brown &amp; Grey upon special request)</li> </ul>
USAGE	<p><b>Plumbing</b> Copper, steel, iron insulated, and combustible (plastic) pipes</p> <p><b>Ducts</b> Steel ducts</p> <p><b>Electrical</b> Cables, cable trays, bundled cables and electrical conduits</p>	<p><b>Plumbing</b> Pipes, insulated pipes, copper, steel, and combustible (plastic) pipes</p> <p><b>Electrical</b> Conduits, cables, cable trays</p> <p><b>Joint Systems</b> Horizontal and vertical</p> <p><b>Joint Systems</b> UL 2079 tested</p>	<p><b>Plumbing</b> Pipes, insulated pipes, glass, copper, steel, iron and combustible (plastic) pipes</p> <p><b>Electrical</b> Conduits, cables, cable trays, bundled cables</p> <p><b>Ducts</b> Steel ducts</p> <p><b>Joint Systems</b> Horizontal and vertical (horizontal only for SL)</p> <p><b>Joints - Movement Capable</b> UL 2079 tested</p>	<p><b>Joint Systems</b> Horizontal and vertical, curtain wall, head-of-wall, perimeter and floor to wall</p> <p><b>Joints - Movement Capable</b> UL 2079 tested</p>
SIZES	<p><b>Cartridges</b> 10.3 fl.oz. (304 ml)</p> <p><b>Foil Pack</b> 20.3 fl.oz. (600 ml)</p> <p><b>Containers</b> 5 US gal. (18.9 L) pails</p>	<p><b>Foil Pack</b> 20.3 fl.oz. (600 ml)</p> <p><b>Containers</b> 5 US gal. (18.9 L) pails</p>	<p><b>Cartridges</b> 10.3 fl.oz. (304 ml)</p> <p><b>Foil Pack</b> 20.3 fl.oz. (600 ml)</p> <p><b>Containers</b> 2.64 US gal. (10L) pails 4.5 US gal. (17 L) pails</p>	<p><b>Containers</b> 5 US gal. (18.9 L) pails</p>
LISTED/CERTIFIED	UL, cUL	UL, cUL	UL, ULC, cUL, ITS (WH), FM	UL, cUL

# A/D FIREBARRIER Mineral Wool, Mortar & Pillows

These products are designed to provide pre-formed solutions for easy installation and retrofit applications for a wide range of penetrations.



	MINERAL WOOL	MORTAR	PILLOWS
FEATURES	<ul style="list-style-type: none"> <li>» Non-combustible</li> <li>» Pre-cut strips facilitate easy installation and provide a smooth surface to help control depth of sealant that is applied</li> <li>» High quality, proprietary insulation blankets/strips</li> <li>» UL and ULC listed and certified</li> </ul>	<ul style="list-style-type: none"> <li>» Foamed cement</li> <li>» Single component</li> <li>» Easy to use</li> <li>» Economical</li> <li>» Mixes easily with water to form a lightweight non-slumping paste that is easy to place and tool</li> <li>» Self-supporting</li> <li>» Tested for very large openings</li> <li>» Non-combustible</li> <li>» Color: Grey</li> </ul>	<ul style="list-style-type: none"> <li>» Quick and clean single product installation</li> <li>» No mesh or lath required</li> <li>» No sealant or putty required</li> <li>» Ideal for cable retrofitting</li> <li>» Easy to install, remove or replace</li> </ul>
USAGE	<p><b>General</b> A/D Firebarrier Mineral Wool is the recommended and/or required backing for A/D Firebarrier sealants in most firestop applications</p>	<p><b>Plumbing</b> Glass, copper, steel, iron, insulated pipes, and multiple penetrations</p> <p><b>Electrical</b> Conduits, cables, cable trays, and multiple penetrations</p> <p><b>Ducts</b> Steel ducts</p> <p><b>Large Opening</b></p>	<p><b>Electrical</b> Cables, cable trays, and bundled cables</p> <p><b>General</b> Blank or temporary openings</p>
SIZES	Packaged 25 lb. (11 kg) nominal in plastic bags in various pre-cut x 4 ft. strips or blankets	<p><b>Containers</b> 15.5 lb. (7 kg) bags</p>	2 X 4 X 8 in. (50 x 100 x 200 mm) packaged 25 per box
LISTED/CERTIFIED	UL, ULC, ITS (WH), FM	UL, ULC, cUL, ITS (WH), FM	UL, ULC, cUL

# A/D FIREBARRIER Putty Pads, Inserts, Collars & Wraps

Firestop wrap strips and collars provide solutions for a wide range of pipe penetration types and diameters. Intumescent putty pads and inserts are solutions for common electrical installation applications including outlet and switch boxes.



	PUTTY PADS & INSERTS	COLLARS, WRAP STRIP & COLLAR STRIPS
FEATURES	<ul style="list-style-type: none"> <li>» Used to maintain hourly fire resistance ratings of fire resistive walls and partitions containing electrical boxes</li> <li>» Permit greater density of outlet and switch boxes in rated walls than would otherwise be permitted by codes for unprotected boxes</li> <li>» Intumescent materials expand when exposed to fire to seal off the box</li> <li>» Single component</li> <li>» Easy to install</li> </ul>	<ul style="list-style-type: none"> <li>» Easy to install with common tools</li> <li>» Collars - Convenient, ready to install 3, 4 and 6-in. nominal trade sizes</li> <li>» Wrap Strip - For use with or without steel Collar Strip</li> <li>» Intumescent feature closes off and seals plastic pipes and pipe insulation</li> <li>» Passes 50 Pa test requirement in Canada (refer to test designs)</li> </ul>
USAGE	<p><b>Electrical</b> Protect electrical outlet and switch boxes</p>	<p><b>Plumbing</b> Combustible (plastic) pipes and insulated pipes through concrete or gypsum wallboard, vertical and horizontal</p>
SIZES	<p><b>Inserts</b> 2 x 4 in. or 4 x 4 in. packaged 50 per carton</p> <p><b>Putty Pads</b> 7 X 7 X 0.2 in. packaged 12 per carton</p>	<p><b>Collars</b> Nominal 3, 4 and 6 in. trade sizes</p> <p><b>Wrap Strip</b> 2 in. wide x 1/4 in. thick x 12 ft. strips</p> <p><b>Collar Strip</b> 50 ft. coil</p>
LISTED/ CERTIFIED	UL, cUL	UL, ULC, cUL



# Wall Penetration System Applications

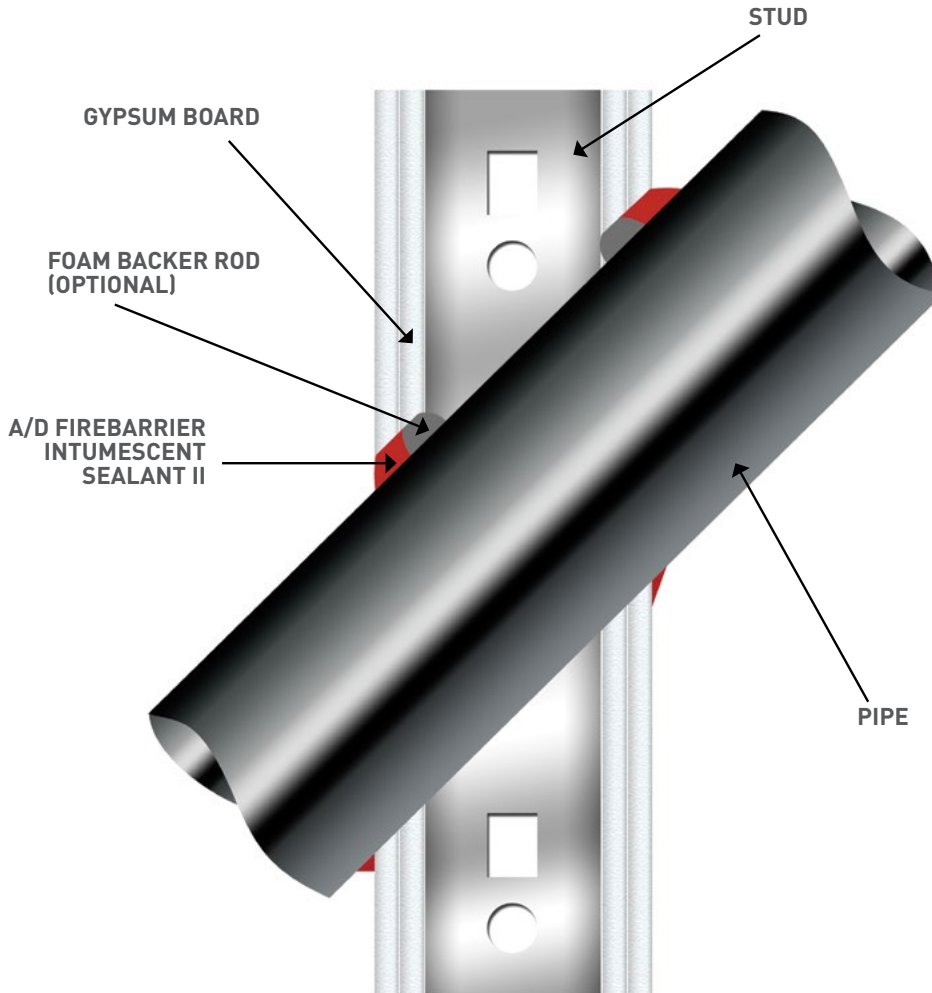


ILLUSTRATION OF UL SYSTEM W-L-1416

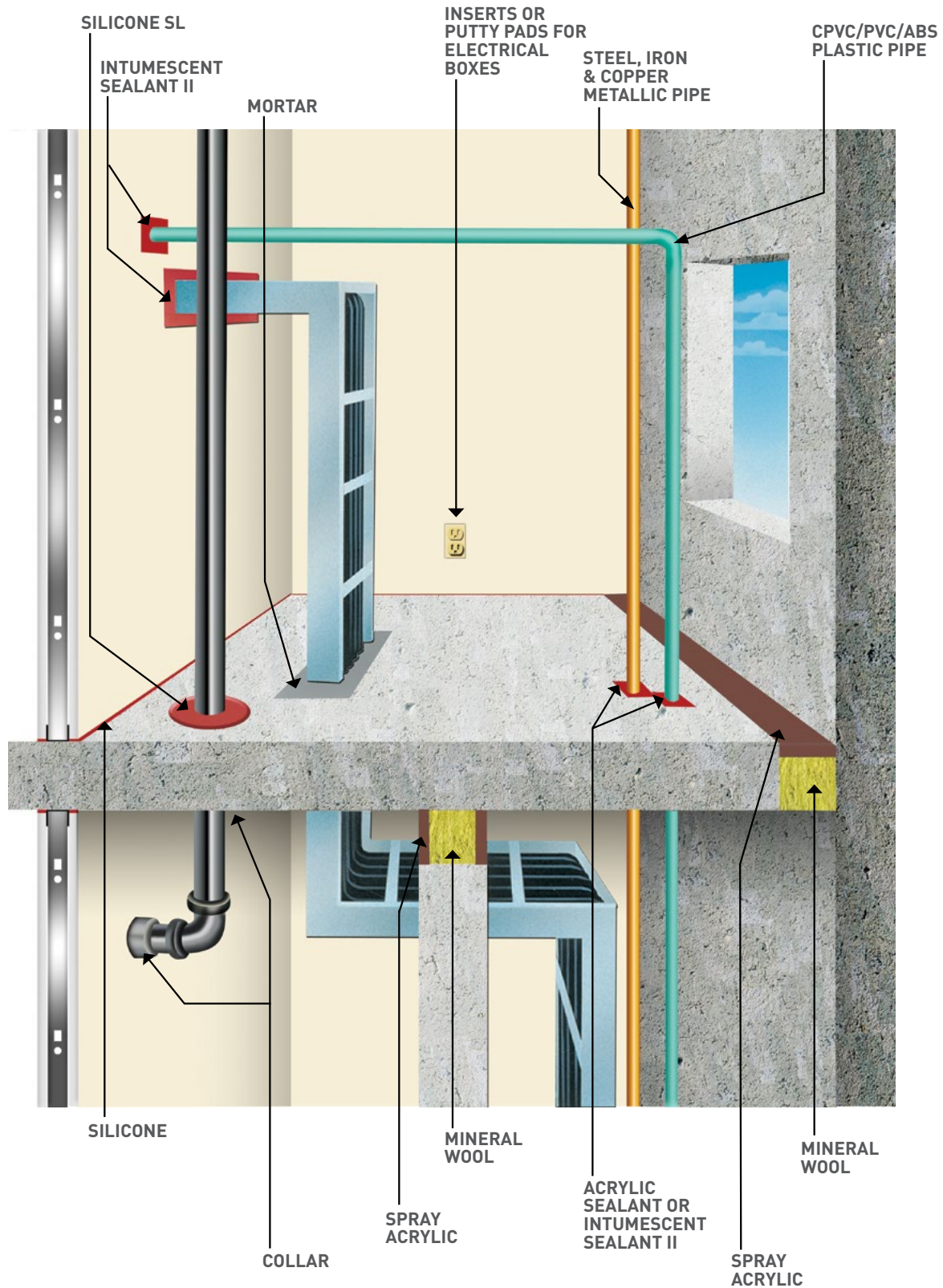
WALL PENETRATION



HEAD OF WALL



# Complete Firestop Protection For Your Facility



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 CONTACT YOUR LOCAL A/D FIRE SALES REPRESENTATIVE AT 800-263-4087

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